

SEQUENCE LISTING

<110> Moon, Randall
Kaykas, Ajamete

<120> Methods and Vectors for Expressing siRNA

<130> UWOTL122738

<160> 32

<170> PatentIn version 3.2

<210> 1
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Consensus Sequence for PSE

<220>
<221> misc_feature
<222> (1)..(19)
<223> Wherein N in positions 2, 6, 8, 10, 12 and 13 = A, C, G or T

<220>
<221> misc_feature
<222> (11)..(11)
<223> Wherein Y = T or C

<220>
<221> misc_feature
<222> (18)..(18)
<223> Wherein W = T or A

<400> 1
tnaccntnan ynnaaaagwg 19

<210> 2
<211> 97
<212> DNA
<213> Artificial Sequence

<220>
<223> Modified HI Promoter

<400> 2
atttgcatgt cgctatgtgt tctggaaat caccataaac gtgaaatgtc tttggatttg 60
ggaatcttat aagtggatcc tgagaccgtc tcaaaaa 97

<210> 3
<211> 333

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Modified U6 Promoter

 <400> 3
 ccccagtgg aagacgcgca ggcaaaacgc accacgtgac ggagcgtgac cgcgccg 60
 gcgcgcgcca aggtcgggca ggaagaggc ctatttcca tgattccttc atatttgc 120
 atacgataca aggctgttag agagataatt agaattaatt tgactgtaaa cacaaagata 180
 ttagtacaaa atacgtgacg tagaaagttaa taatttcttg gtagttgc agttttaaaa 240
 ttatgtttta aaatggacta tcataatgctt accgtaactt gaaagtattt cgatttcttg 300
 gcttatata tcttggct agcgtctcaa aaa 333

 <210> 4
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> U6p1 Primer

 <400> 4
 ccccagtgg aagacgcgca 20

 <210> 5
 <211> 41
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> U6p2 Primer

 <400> 5
 ttttgagac gctagccaca agatataataa agccaagaaa t 41

 <210> 6
 <211> 32
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> H1not1 Primer

 <400> 6
 gaattcgccgg ccgcatttgc atgtcgctat gt 32

 <210> 7

<211> 32		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> U6mlu1 Primer		
<400> 7		
gaattcacgc gtccccagtg gaaagacgca		32
<210> 8		
<211> 41		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Pucori(S) Primer		
<400> 8		
gaattcacgc gtgcggccgc ccactgagcg tcagaccccg t		41
<210> 9		
<211> 27		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Pucori(AS) Primer		
<400> 9		
gaattcgcca ggaaccgtaa aaaggcc		27
<210> 10		
<211> 38		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> SZPA (S) Primer		
<400> 10		
gaattcggat ccacgcgtga atgtgtgtca gtttagggt		38
<210> 11		
<211> 36		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> SZPA(AS) Primer		
<400> 11		
gaattcggat ccgagccca gacatgataa gataca		36

<210> 12
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PGL3luciferase sense

<400> 12
aaaaggctcc tcagaaacag ctc 23

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PGL3luciferase antisense

<400> 13
aaaagagctg tttctgagga gcc 23

<210> 14
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> EGFP sense

<400> 14
aaaagcaagc tgaccctgaa gttcat 26

<210> 15
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> EGFP antisense

<400> 15
aaaaaatgaac ttcagggtca gcttgc 26

<210> 16
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#1sense

<400> 16
aaaaagggttc cttccacat cct 23

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#1 antisense

<400> 17
aaaaaggatg tggaaaggaa cct 23

<210> 18
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#2 sense

<400> 18
aaaaaaagggtt ccttccaca tccttt 26

<210> 19
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#2 antisense

<400> 19
aaaaaaaggat gtggaaaggaa accttt 26

<210> 20
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#3 sense

<400> 20
aaaagaagat ggcagccagg gct 23

<210> 21
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#3 antisense

<400> 21
aaaaagccct ggctgccatc ttc 23

<210> 22
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#4 sense

<400> 22
aaaaggcact tactccctg caa 23

<210> 23
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#4 antisense

<400> 23
aaaattgcag ggaagtaagt gcc 23

<210> 24
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#5 sense

<400> 24
aaaaaaggca cttaacttccc tgcaatt 27

<210> 25
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> LRP6#5 antisense

<400> 25
aaaaaaattgc aggaaagtaa gtgcctt 27

<210> 26

<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> U6PGL3p1 Primer

<400> 26
tgaaaagacg cgcaggca 18

<210> 27
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> U6PGL3p2 Primer

<400> 27
aaaaagagct gtttctgagg agcctcttta gaaggctcct cagaaacagc tcggagatct 60
tttgagacg ctagccacaa 80

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> H1PGL3p1 Primer

<400> 28
atttgcatgt cgctatgtgt 20

<210> 29
<211> 79
<212> DNA
<213> Artificial Sequence

<220>
<223> H1PGL3p2 Primer

<400> 29
aaaaagagct gtttctgagg agcctcttta gaaggctcct cagaaacagc tcggagatct 60
tttgagacg gtctcagga 79

<210> 30
<211> 97
<212> DNA
<213> Artificial Sequence

<220>

<223> H1p97 Primer

<400> 30
atttgcatgt cgctatgtgt tctggaaat caccataaac gtgaaatgtc tttggatttg 60
ggaatcttat aagtggatcc tgagaccgtc tcaaaaa 97

<210> 31
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> H1-PGL3-U6 Primer

<220>
<221> misc_feature
<222> (1)..(18)
<223> H1 promoter

<220>
<221> misc_feature
<222> (19)..(37)
<223> PGL3luc Gene-Specific (any siRNA)

<220>
<221> misc_feature
<222> (38)..(55)
<223> U6 Promoter

<400> 31
ctgagaccgt ctcaaaaagg ctccctcagaa acagctcttt ttgagacgct agcca 55

<210> 32
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> U6p3 Primer

<400> 32
tggaaagacg cgcaaggca 18